

UHF aerials

SIGMA 8HD LTE



New model for the Sigma Series!

The SIGMA 8HD LTE is designed specifically to reduce LTE interference. Its unique electrical design and built in SAW filter inside the dipole enables superb selectivity maintaining high gain within the full TV band.

Fracarro's original patented design enables excellent directivity (with the maximum reduction of interference) and a high gain comparable with an aerial twice its length. Sigma aerials have fully pre-assembled director elements, mast connection, reflector support and dipole saddle.

They can therefore be installed quickly and easily without needing any tools.

Main Specifications

- 8 elements
- **SAW filter inside the dipole**
- Wideband UHF aerial for TV reception
- Dipole with F connector
- H or V polarisation
- Maximum mast clamp diameter 60mm
- Double reflector
- Impedance 75 Ohm
- **Selectivity 35dB in 30MHz (790-820MHz)**

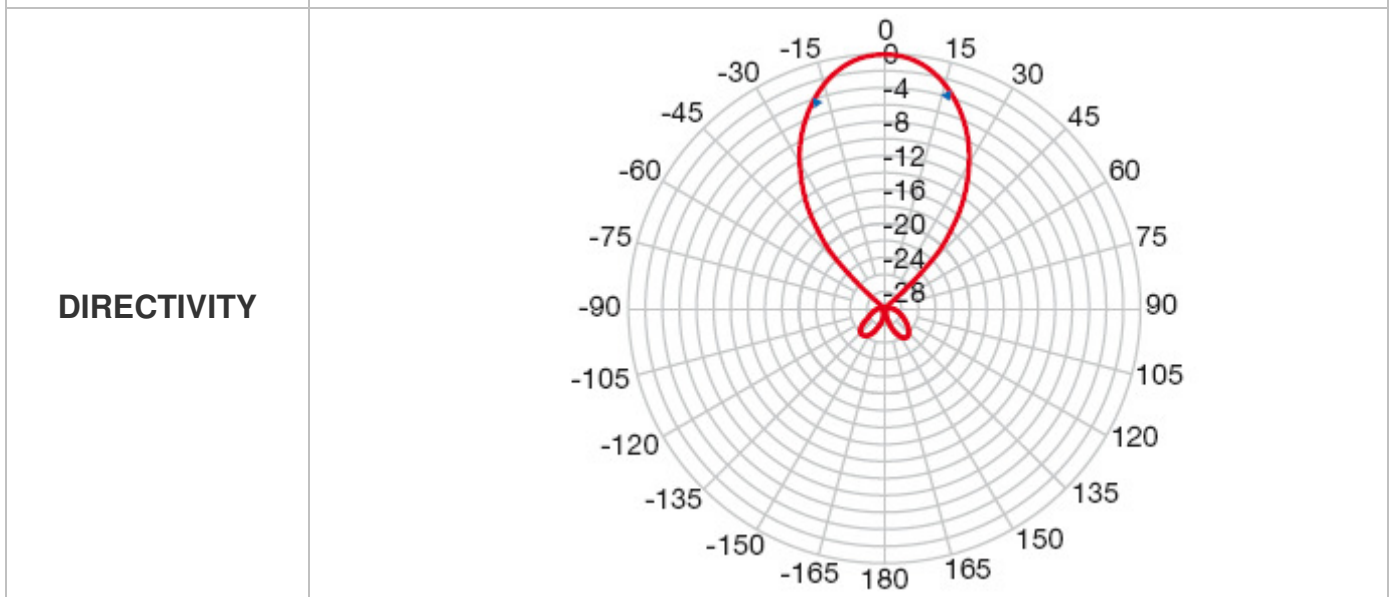
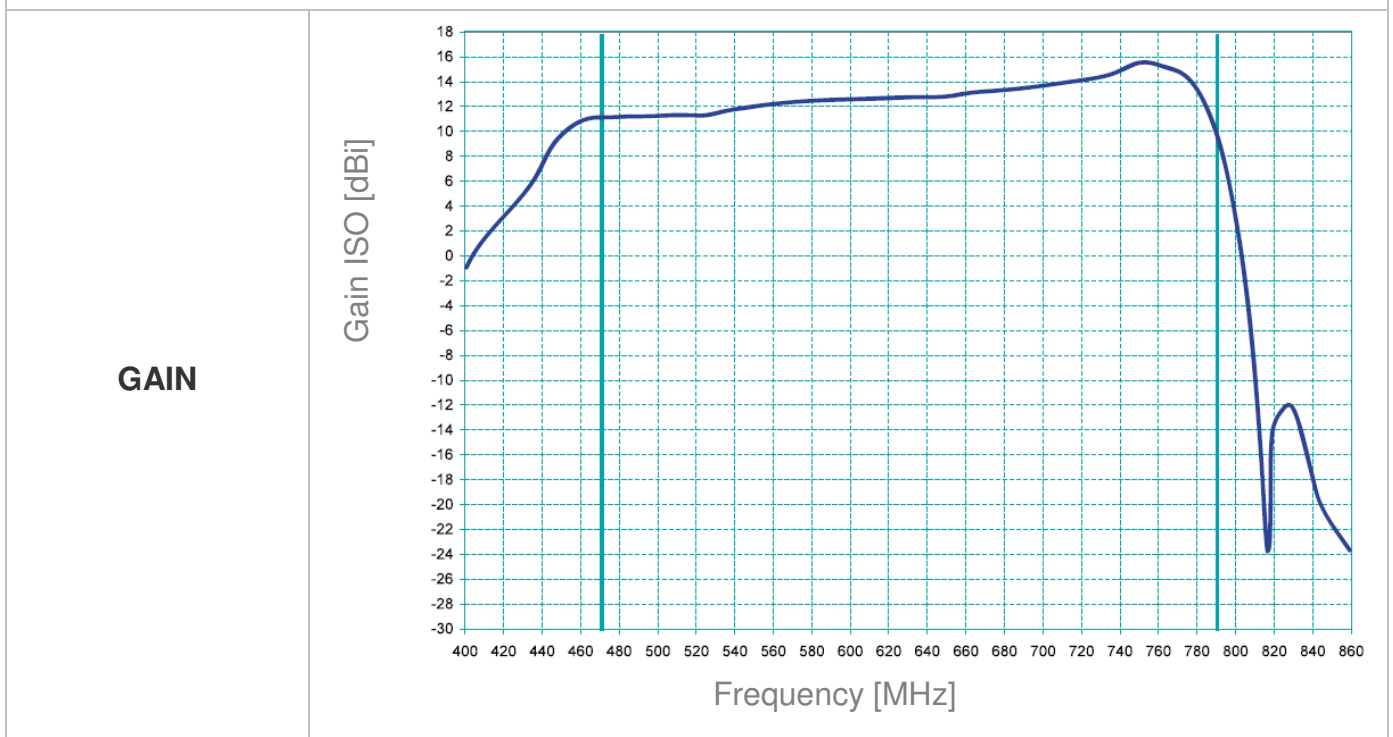
		SIGMA 8HD LTE
Fracarro code		213213
Elements	No.	8
Band		UHF
Channels		E21 – E60
Technical Characteristics		
Bandwidth	MHz	470 – 790
Maximum gain	dBi	16
Front-to-back ratio	dB	32
Return loss	dB	-18
Beamwidth (-3dB)	°	+/-18
Impedance	Ohm	75
Mechanical Characteristics		
Dimensions (L x W)	mm	1190 x 633
Maximum mast Ø	mm	60
Wind load at 120Km/h (720N/m ²)	Kg (N)	23 (225.4)
Connector	Type	F
Accessories		



Horizontal polarisation	Included
Horizontal polarisation with tilt adjustment	Included
Vertical polarisation	Included
Vertical polarisation with tilt adjustment	Included
Auxiliary boom	N/A

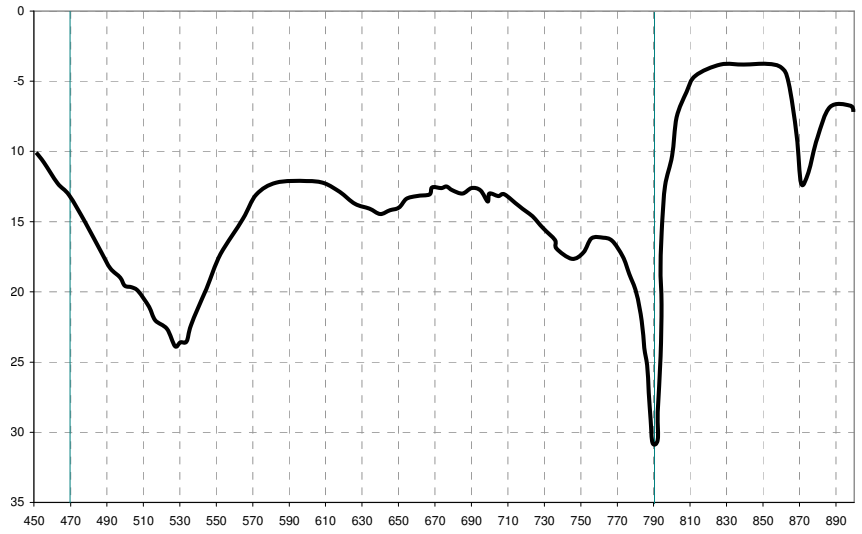
Fracarro code	Item	Packaging	Quantity	Dimensions	Net weight	Total weight
			Pcs	mm	Kg	Kg
213213	SIGMA 8HD LTE	Plastic bag	1	1360x460x135	2.77	2.77

Frequency Performance



RETURN LOSS

Return Loss [dB]



Frequency [MHz]

